



Texas Commission on Environmental Quality
Exemption §106.321 Checklist
(Previously Standard Exemption 58)
Crucible Furnaces, Pot Furnaces, and Induction Furnaces

The following checklist has been developed so the Texas Commission on Environmental Quality (TCEQ) can confirm you meet exemption requirements. The questions are derived from §106.4, previously §116.211, and the exemption list. Please read all questions and check YES or NO (equivalent to True or False), or give specific information as applicable to your facility. If you do not meet all conditions of a specific exemption, you will not be allowed to operate the facility under exemption and you must apply for a construction permit as required under §116.111 prior to construction.

<u>Part</u>	<u>YES</u>	<u>NO</u>	<u>Description</u>
a)	_____	_____	The facility consists of crucible furnaces, pot furnaces, or induction furnaces with a holding capacity of 1,000 pounds or less
(1)	_____	_____	Smelting, reduction, sweating, metal separation, or distilling is conducted
(2)	_____	_____	Gray iron or steel is melted in ferrous melting furnaces
(A)	_____	_____	Ductile iron is produced
(B)	_____	_____	The furnace charge is free of oil, grease, and paint
(3)	_____	_____	Nonferrous melting furnaces are used to melt, pour, or hold in a molten state one of the following metals:
(A)	_____	_____	Aluminum or any alloy containing over 50% aluminum
(B)	_____	_____	Magnesium or any alloy containing over 50% magnesium
(C)	_____	_____	Tin or any alloy containing over 50% tin
(D)	_____	_____	Zinc or any alloy containing over 50% zinc
(E)	_____	_____	Copper
(F)	_____	_____	Precious metals (gold, silver, platinum, etc)
(4)	_____	_____	Lead, leaded brass, leaded bronze, or magnesium bronze are melted, poured, or held in a molten state
(b)	_____	_____	The facility has aluminum melting or holding furnaces with a holding capacity of 2,000 pounds or less
	_____	_____	Aluminum melting or holding furnaces melt only clean aluminum ingots or pigs
	_____	_____	Refining, smelting, metal separation, sweating, distilling, or fluxing is performed

NAME: _____

COMPANY NAME: _____

TITLE: _____

FACILITY NAME: _____

PHONE #: () _____

ACCOUNT ID #: _____ - _____ - _____

FAX #: () _____

LOCATION: _____

SIGNATURE OF COMPANY OFFICER

DATE